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PTO/SB/05 (11-00)  
Approved for use through 10/31/2002. OMB 0651-0032UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

|                       |                                 |
|-----------------------|---------------------------------|
| Attorney Docket No.   | Quantum-1                       |
| First Inventor        | JOSEPH B. ELAD, ET AL.          |
| Title                 | Automated Method and System. f. |
| Express Mail Label No | EJ369022264US                   |

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2.  Applicant claims small entity status.  
See 37 CFR 1.27.

3.  Specification [Total Pages **41**]  
(preferred arrangement set forth below)
 

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4.  Drawing(s) (35 U.S.C. 113) [ Total Sheets **18** ]

5. Oath or Declaration [ Total Pages  ]

a.  Newly executed (original or copy)  
Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)

i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting Inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).

6.  Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation     Divisional     Continuation-in-part (CIP)    of prior application No.: \_\_\_\_\_

Prior application information:    Examiner:    Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

|  |   |                                   |              |   |
|--|---|-----------------------------------|--------------|---|
| <input type="checkbox"/> Customer Number or Bar Code Label | (Insert Customer No. or Attach Bar code label here) |                                   | or           | <input type="checkbox"/> Correspondence address below |
| Name   | BRIAN A GOMEZ/ HUNTLEY & ASSOCIATES                 |                                   |              |   |
| Address  | P.O. BOX 948<br>1105 N. MARKET STREET               |                                   |              |   |
| City   | WILMINGTON  | State                             | DE           | Zip Code 19899-0948                                   |
| Country  | USA   | Telephone                         | 302-426-0610 | Fax 302-426-0612                                      |
| Name (Print/Type)  | BRIAN A. GOMEZ                                      | Registration No. (Attorney/Agent) | 44,718       |   |
| Signature  | <i>Brian A. Gomez</i>                               |                                   | Date         | 4/30/01   |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 719.00)

## Complete If Known

|                      |                |  |  |
|----------------------|----------------|--|--|
| Application Number   |                |  |  |
| Filing Date          | April 30, 2001 |  |  |
| First Named Inventor |                |  |  |
| Examiner Name        |                |  |  |
| Group Art Unit       |                |  |  |
| Attorney Docket No.  | Quantum-1      |  |  |

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **08-3440**

Deposit Account Name **HUNTLEY & ASSOCIATES**

Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17

Applicant claims small entity status.  
See 37 CFR 1.27

2.  Payment Enclosed:  
 Check  Credit card  Money Order  Other

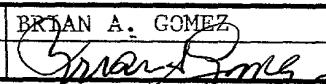
## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

| Fee Code | Large Entity Fee (\$) | Small Entity Fee (\$) | Fee Description   | Fee Paid |
|----------|-----------------------|-----------------------|---|----------|
| 105      | 130                   | 205                   | 65 Surcharge - late filing fee or oath  |          |
| 127      | 50                    | 227                   | 25 Surcharge - late provisional filing fee or cover sheet                     |          |
| 139      | 130                   | 139                   | 130 Non-English specification   |          |
| 147      | 2,520                 | 147                   | 2,520 For filing a request for ex parte reexamination                         |          |
| 112      | 920*                  | 112                   | 920* Requesting publication of SIR prior to Examiner action                   |          |
| 113      | 1,840*                | 113                   | 1,840* Requesting publication of SIR after Examiner action                    |          |
| 115      | 110                   | 215                   | 55 Extension for reply within first month                                     |          |
| 116      | 390                   | 216                   | 195 Extension for reply within second month                                   |          |
| 117      | 890                   | 217                   | 445 Extension for reply within third month                                    |          |
| 118      | 1,390                 | 218                   | 695 Extension for reply within fourth month                                   |          |
| 128      | 1,890                 | 228                   | 945 Extension for reply within fifth month                                    |          |
| 119      | 310                   | 219                   | 155 Notice of Appeal  |          |
| 120      | 310                   | 220                   | 155 Filing a brief in support of an appeal                                    |          |
| 121      | 270                   | 221                   | 135 Request for oral hearing  |          |
| 138      | 1,510                 | 138                   | 1,510 Petition to institute a public use proceeding                           |          |
| 140      | 110                   | 240                   | 55 Petition to revive - unavoidable   |          |
| 141      | 1,240                 | 241                   | 620 Petition to revive - unintentional  |          |
| 142      | 1,240                 | 242                   | 620 Utility issue fee (or reissue)  |          |
| 143      | 440                   | 243                   | 220 Design issue fee  |          |
| 144      | 600                   | 244                   | 300 Plant issue fee   |          |
| 122      | 130                   | 122                   | 130 Petitions to the Commissioner   |          |
| 123      | 130                   | 123                   | 130 Petitions related to provisional applications                             |          |
| 126      | 180                   | 126                   | 180 Submission of Information Disclosure Stmt                                 |          |
| 581      | 40                    | 581                   | 40 Recording each patent assignment per property (times number of properties) | 40       |
| 146      | 710                   | 246                   | 355 Filing a submission after final rejection (37 CFR § 1.129(a))             |          |
| 149      | 710                   | 249                   | 355 For each additional invention to be examined (37 CFR § 1.129(b))          |          |
| 179      | 710                   | 279                   | 355 Request for Continued Examination (RCE)                                   |          |
| 169      | 900                   | 169                   | 900 Request for expedited examination of a design application                 |          |

\*Reduced by Basic Filing Fee Paid **SUBTOTAL (3) (\$ 719.00)**

\*or number previously paid, if greater; For Reissues, see above

|                   |   |                          |                                   |                |
|-------------------|---|--------------------------|-----------------------------------|----------------|
| SUBMITTED BY      |   | Complete (if applicable) |                                   |                |
| Name (Print/Type) | BRITAN A. GOMEZ   |                          | Registration No. (Attorney/Agent) | 44,728         |
| Signature         |  |                          | Telephone                         | 302-426-0610   |
|                   |   |                          | Date                              | April 30, 2001 |

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**REQUEST AND CERTIFICATION  
UNDER  
35 U.S.C. 122(b)(2)(B)(i)**

|                      |                                 |
|----------------------|---------------------------------|
| First Named Inventor | JOSEPH B. ELAD, ET AL.          |
| Title                | AUTOMATED METHOD AND SYSTEM ... |
| Atty Docket Number   | QUANTUM-1                       |

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

April 30, 2001

Date



Signature

BRIAN A. GOMEZ, 44,718

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**